AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in this application:

LISTING OF CLAIMS:

Claims 1 to 16. (Cancelled).

17. (Currently Amended) A handheld measuring device for localizing at least one object enclosed in a medium, comprising:

at least one photometric sensor that obtains a first measurement signal of an object to be examined, wherein by evaluation of the measurement signal, information about an object enclosed in the medium is obtained; ~~and~~

at least one further sensor for generating at least one further second measurement signal for obtaining information about the object enclosed in the medium; and

a display that depicts signal characteristics detected by a displacement sensor.

18. (Previously Presented) The measuring device of claim 17, wherein the at least one photometric sensor includes an infrared sensor.

19. (Previously Presented) The measuring device of claim 17, wherein the at least one further sensor includes a radar sensor.

20. (Previously Presented) The measuring device of claim 19, wherein the radar sensor includes a broadband sensor of a pulsed radar.

21. (Previously Presented) The measuring device of claim 17, wherein the at least one further sensor includes an inductive sensor.

22. (Previously Presented) The measuring device of claim 17, wherein the at least one further sensor includes a capacitive sensor.

23. (Previously Presented) The measuring device of claim 22, wherein the at least one further capacitive sensor includes a high-frequency capacitive sensor that,

by measuring an impedance of its electrodes, obtains information about objects enclosed in the medium.

24. (Previously Presented) The measuring device of claim 17, wherein at least two of the sensors are integrated into a common housing of the measuring device.

25. (Previously Presented) The measuring device of claim 24, wherein at least two of the sensors are disposed on a common circuit board.

26. (Currently Amended) A method for localizing at least one object enclosed in a medium, the method comprising:

generating a measurement signal by at least one photometric sensor;

evaluating the measurement signal to obtain information about an object enclosed in the medium; ~~and~~

evaluating at least one further measurement signal to obtain information about the object enclosed in the medium;

determining the desirability of the signals for subsequent data processing; and

selectively displaying the desired information of at least one of the sensors.

27. (Previously Presented) The method of claim 26, wherein the at least one further measurement signal is generated by at least one further sensor apparatus.

28. (Previously Presented) The method of claim 26, wherein the at least one first measurement signal and the at least one second measurement signal are measured in a parallel fashion.

29. (Previously Presented) The method of claim 26, wherein the at least one first measurement signal and the at least one second measurement signal are measured in a quasi-parallel fashion.

30. (Previously Presented) The method of claim 26, wherein the at least one first measurement signal and the at least one second measurement signal are measured in a serial fashion.

31. (Previously Presented) The method of claim 26, wherein the measurement signals of a plurality of sensors are measured and evaluated, the sensors deriving from a group encompassing at least capacitive sensors, inductive sensors, and photometric sensors.

32. (Previously Presented) The method of claim 26, wherein at least one measurement signal of a sensor is optimized by evaluating at least one further measurement signal.

33. (Previously Presented) The method of claim 26, wherein the at least one photometric sensor includes an infrared sensor.

Claim 34. (Cancelled).

35. (New) The measuring device of claim 17, further comprising a circuit that activates a predefined search routine.